

## **ABSTRACT**

The invention relates to a hydroconversion catalyst, which comprises a refractory oxide support, at least one metal selected from group VIII and at least one metal selected from group VIB and which is characterized in that it has at least one organic compound containing at least one oxime group of formula (I) > C=NOR<sub>1</sub>, in which R<sub>1</sub> is selected among hydrogen and alkyl, allyl, aryl, alkylene or cycloaliphatic groups, and combinations thereof, these groups being able to be substituted by at least one electron donor group.